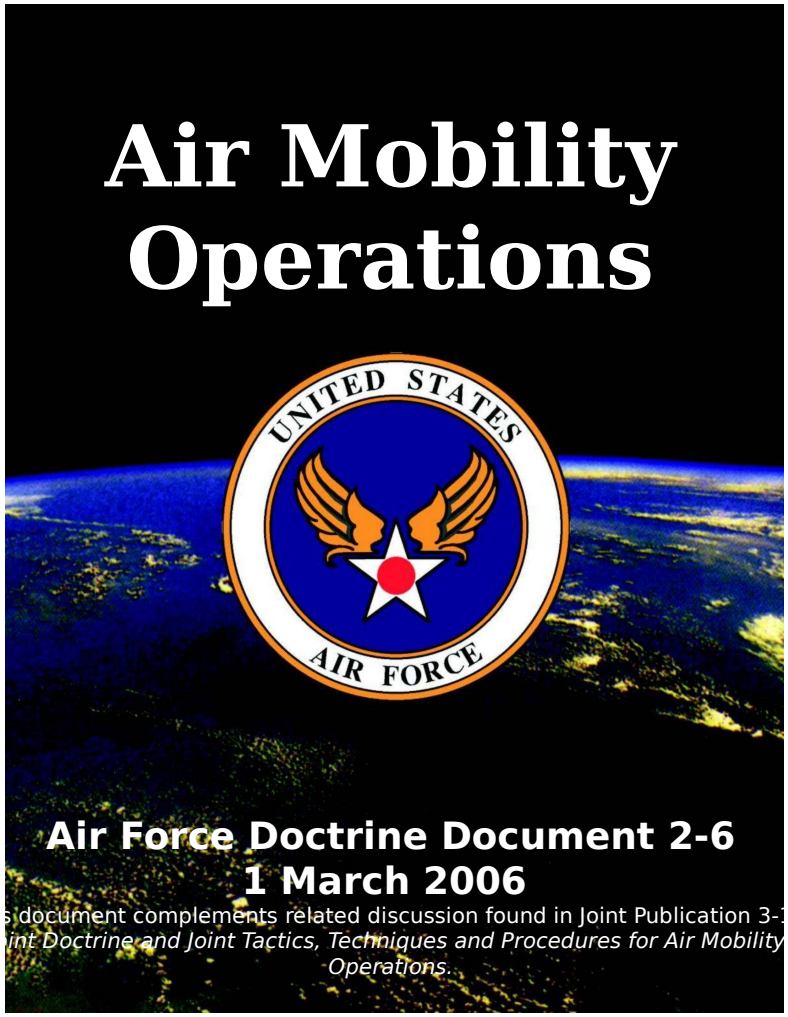
Headquarters Air Force Doctrine Center

Integrity - Service - Excellence

AFDD 2-6
Air Mobility Operations

1 March 06

Overview


Air Mobility Operations
UNITED STATES AIR FORCE
Air Force Doctrine Document 2-6
1 March 2006
document complements related discussion found in Joint Publication 3-
int Doctrine and Joint Tactics, Techniques and Procedures for Air Mobility
Operations.

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Foreward

The US Air Force provides unique and impressive warfighting capabilities that are essential to joint operations.

…Of these capabilities, the Air Force provides a very singular form of power: the ability to rapidly position and sustain forces at places and times of our choosing. This pivotal capability— air mobility —is the essential ingredient for modern US expeditionary operations and supports joint force commander-desired effects to deter, dissuade, or destroy the enemy. While other forms of American military power have some degree of inherent mobility, the scale of flexibility and responsiveness of the Air Force's air mobility forces is singular in the history of world conflict.

Foreward (Cont.)

…We must understand what it means to be an Airman and be able to articulate what air and space power, and especially air mobility, can bring to the joint fight. Every Airman should read, discuss, and practice doctrine, and to ensure that it adapts as necessary to remain applicable in our changing environment.

T. MICHAEL MOSELEY

General, USAF

Chief of Staff

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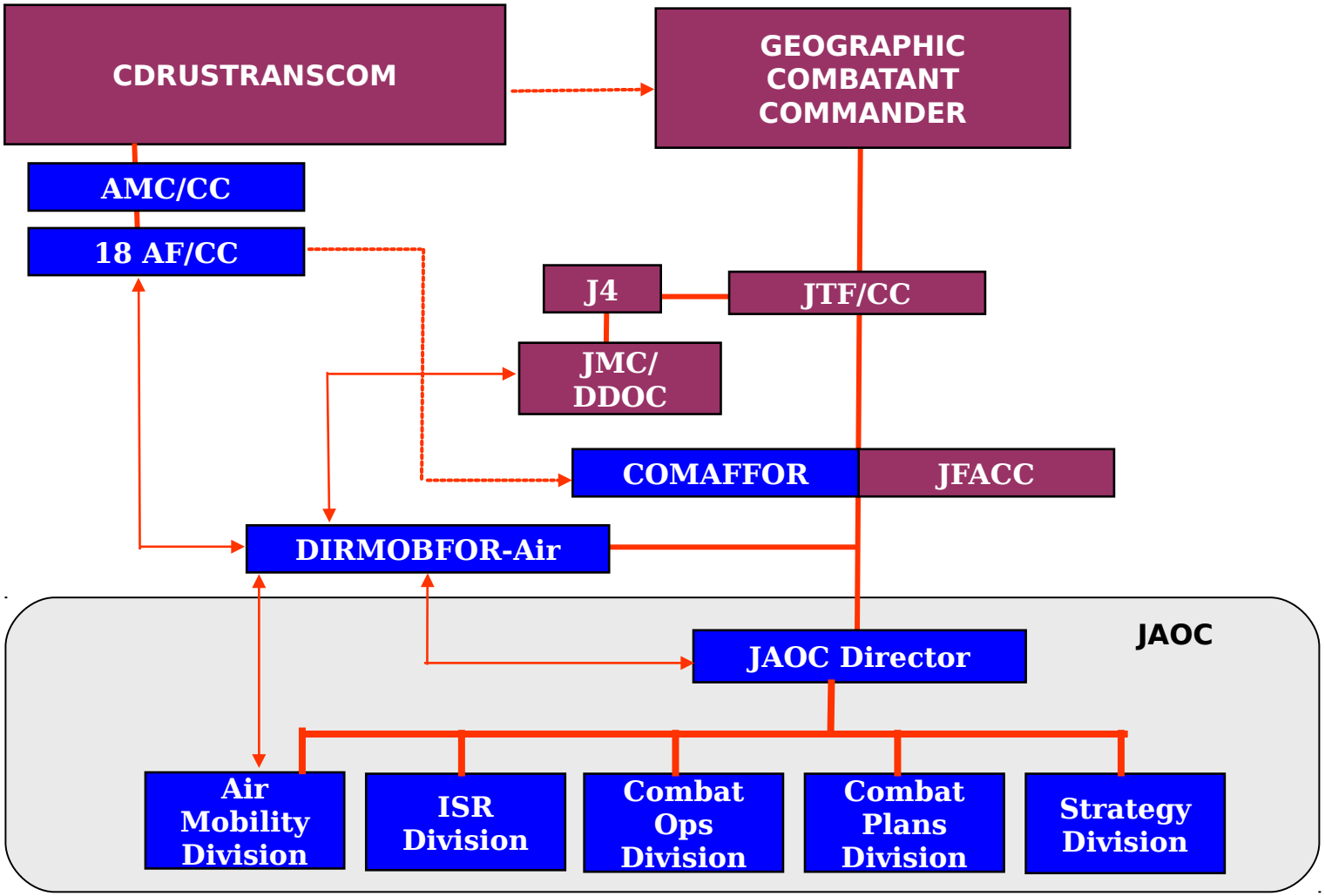
An Introduction to Air Mobility

- **The Air Mobility Force- airlift, air refueling, air mobility support**
  - **Active Duty- 1/2 total capability**
  - **Air Reserve Component- AFRC and ANG**
  - **Civil Reserve Air Fleet- augment military in exchange for peacetime business**
- **Air Mobility and The Principles of War**
  - **Mass- concentrates effects of combat power**
  - **Maneuver- enables joint force maneuver**
  - **Economy of Force- allocate minimal essential resources to secondary efforts**
  - **Security and Surprise- staying beyond enemy's reach, quick deployment**
- **Air Mobility and Tenets of Air and Space Power**
  - **Centralized Control and Decentralized Execution**
  - **Flexibility and Versatility- enables simultaneous exploitation**
  - **Synergistic Effects- mobility forces combined with other mil/civilian forces**
  - **Concentration- maximize effects while reducing exposure to risk**
  - **Priority- air mobility is a finite resource**
- **Intertheater and Intratheater Operations**
- **Agile Combat Support and Air Mobility Operations**

Organization and Command & Control (C2)

- **Global/functional organization and control**
  - **United States Transportation Command (USTRANSCOM)**
  - **Air Mobility Command (AMC)**
  - **18th Air Force**
  - **18th AIR Force Tanker Airlift Control Center (TACC)- 18th AF fixed AOC**
- **Regional Organization and Control**
  - **Commander of Air Force Forces (COMAFFOR)**
  - **Director of Air Mobility Forces (DIRMOBFOR-Air)**
  - **Joint Movement Center/Deployment and Distribution Ops Center**
  - **AOC/Air Mobility Division - AMCT, ALCT, ARCT, AECT**
- **Administrative control of forces**
- **Homeland security operations**
- **Air Reserve component C2 considerations**



Note: Although the DIRMOBFOR is normally physically located in the AOC to facilitate coordination, they are not a member of the AOC staff.

Airlift

- **Airlift operations**
  - **Passenger and cargo movement**
  - **Combat employment and sustainment**
  - **Deployment and sustainment in nonlinear operations**
  - **Aeromedical evavuation**
  - **Special operations support**
- **Mission tasking categories**
  - **Channel**
  - **Special Assignment Airlift Mission (SAAM)**
  - **Exercise and contingency support**
  - **Special Airlift Mission (SAM)**
  - **Joint Airborne/Air Transportability Training (JA/ATT)**
- **Delivery concepts- airland vs airdrop**
- **Airlift employment concepts**
  - **Direct delivery**
  - **Hub and spoke**

Air Refueling

- Effects of air refueling
- Air refueling operations
  - Nuclear operations support
  - Global strike support
  - Air bridge support
  - Aircraft deployment support
  - Theater support
  - Special operations support
- Additional tanker roles- passenger, cargo and AE
- Emergency air refueling
- Air refueling planning
  - Planning factors
  - Employment concepts

Air Mobility Support

- Core functions of air mobility support
  - Command and Control (C2)
  - Aerial port
  - Maintenance
- Global Air Mobility Support System (GAMSS)
  - Expeditionary Mobility Task Force (EMTF)
  - Air Mobility Operations Group (AMOG)
  - Contingency Response Wing/CRG/CRE/MST
  - Additional GAMSS elements
- Command and control of GAMSS forces
- Base opening and GAMSS
- Air mobility support planning
  - Fundamental considerations
    - Primary planning factors
    - Secondary planning factors
    - Other planning factors

Expeditionary Mobility Task Forces

18 AF
Scott AFB

15 EMTF
Travis AFB

21 EMTF
McGuire AFB

715 AMOG
Hickam AFB

615 CRW
Travis AFB

621 CRW
McGuire AFB

721 AMOG
Ramstein AB

Air Mobility Planning

- **Global Planning**
  - **The AMC mobility tasking message**
  - **Air mobility force allocation**
  - **Asset swing**
  - **Air reserve component participation**
  - **Civil Reserve Air Fleet (CRAF) Activation**
  - **Air mobility support system and base opening**
- **Regional Planning**
  - **Joint Strategic Capabilities Plan (JSCP) force apportionment**
  - **Crisis action planning**
  - **Operational planning considerations**
    - **Access, basing, host nation support, airfield suitability, airspace control, MOG,**
      communications, emissions control, force protection, intel, CBRNE, threat management, weather
- **Additional planning factors**
  - **Tasking process**
  - **Airlift planning considerations**
    - **Category of cargo, movement planning, air refueling support, offload options**

Aeromedical Evacuation (AE)

- Aeromedical Evacuation Concepts
  - Defense support of civil authorities
  - AE interface with special operations and CSAR
  - Detainee missions and AE
  - Inter-fly agreements with major commands
- C2 of AE
  - Steady-state/peacetime
  - Contingency AE structure
  - Intertheater AE C2
- Planning considerations
- Laydown (operations phasing and force sequencing)
- AE aircraft considerations
- Medical emergency in flight
- AE of contaminated/contagious casualties

Summary of Revisions

AFDD 2-6 has been substantially revised. It updates the previous edition and incorporates information formerly included in Air Force Doctrine Documents 2-6.1, *Airlift Operations;* 2-6.2, *Air Refueling;* and 2-6.3, *Air Mobility Support;* which are superseded by this document. This revision includes lessons learned from the many operations that have been conducted since this document was initially developed. Command and Control and force presentation have been updated in chapter two to reflect the evolution of air mobility and expeditionary practices. It also clarifies the command relationships of director of mobility forces and the air mobility division.

Summary of Revisions

(Cont.)

The aeromedical evacuation segment has been completely revised and a new chapter has been added reflecting changes to current practice. The discussion of global air mobility support has been greatly expanded to address lessons learned since publishing the previous version, and a new chapter has been added to address common planning practices. Finally, there have been a number of terminology changes; most significantly, the DIRMOBFOR has been changed to DIRMOBFOR-AIR, and the legacy term "TALCE" has been redefined as a Contingency Response Element (CRE) to clarify its status as an element of a Contingency Response Group (CRG).

Major Changes

- **Foundational Doctrine statements added**
  - **Basic principles and beliefs upon which AFDD 2-6 was built**
  - **All information expands on or supports these statements**
- **Incorporates three sub pubs (Airlift, Refueling, Support)**
  - **Former AFDD 2-6.1, 2-6.2, 2-6.3**
- **Accommodates new 18AF / EMTF construct (1 Oct 03)**
- **Addresses Air Base Opening issues (ABO)**
- **Global Air Mobility Support System (GAMSS) chapter completely revised / expanded**
  - **Incorporates discussion on CRW/CRG**
- **Planning and Aeromedical Evacuation chapter added**

Major Changes (Cont.)

- Discussion on JMC/DDOC
- Deletion of AME from the AMD
  - Coordination with TACC will be provided by “Reachback LNO”
- Terminology change from “TALCE” to “CRE”
  - Clarifies CRE status as an element of a CRG
- Organization and C2 expanded and refined
  - Separates and clarifies DIRMOBFOR-Air – COMAFFOR – C/JFACC command relationships
  - More streamlined graphics
  - Utilize standardized symbols (lines) for command relationships

Major Changes (Cont.)

- **DIRMOBFOR-Air (DM4-A) Concept**
  - **US Forces Korea and USTRANSCOM changed their term DIRMOBFOR to DIRMOBFOR-AIR**
  - **The suffix "-Air" is consistent with AF doctrinal use**
    - **Focused on Air mobility, not road, rail and sea**
    - **Changing term allows clear distinction of DM4-A, DM4-L or DM4-S**
    - **Avoids confusion during joint operations**
  - **AFDC Proposed AF-wide doctrinal standard to substitute term**
    - **No intent to change definition nor doctrinal constructs that supports it**
    - **Adopting the suffix "-Air" more truly describes role of this individual**
  - **Distributed proposal at AO level with positive response**
  - **Subsequent revision incorporated into AFDD 2-6**

AFDD 2-6
Air Mobility Operations

At the very heart of warfare lies doctrine…

How You Can Contact Us

HQ Air Force Doctrine Center

http://afdc.maxwell.af.mil

https://www.doctrine.af.mil

DSN 493-7442

Call our toll free phone number: 1-866-223-6681

Write or visit us at:

155 North Twining Street

Maxwell AFB, Alabama 36112-6112